

REMARKS:

In accordance with the foregoing, claims 1, 10, 11, 18, 19, 26, 27, 28, 29, and 31 have been amended, new claim 33 has been added, and claims 5, 8-9, 12, 23, 30, and 32 have been cancelled, without prejudice or disclaimer, and no new matter has been submitted.

Claims 1-4, 6-7, 10-11, 13-22, 24-29, 31, and 33 are pending and under consideration.

REJECTIONS:

Claims 1-4, 11, 13, 16-22, 26, 27, 29 and 31 stand rejected under 35 U.S.C. 102(b) as being anticipated by Corey et al. (U.S. Patent No. 5,703,655); claim 10 stands rejected under 35 U.S.C. 103(a) as being unpatentable over Corey et al., in view of Yogeshwar et al. (U.S. Publication No. 2004/0096110); claims 6, 7, 24 and 25 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Corey et al., in view of Jain et al. (U.S. Patent No. 6,360,234); and claims 14 and 15 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Corey et al., in view of Thomas et al. (US Patent No. 6,847,395). These rejections are respectfully traversed.

Features from canceled claim 5 have been incorporated into independent claims 1, 10, 11, 19, 26-29, and 31 with differing scope and breadth. Accordingly, as canceled claim 5 was previously rejected under §103, indicating that features of the same were not disclosed in Corey et al., the discussion below will address the outstanding rejection based on the corresponding §103 rejection rationale set forth for canceled claim 5.

The Office Action acknowledges that that Corey et al. fail to disclose compression ratio for the compressed signal can be vary according to the category item selected for the A/V signal, for which the Office Action uses Yogeshwar et al.

Yogeshwar et al. disclose a method for storing the compressed A/V signal can have different compression ratio according to the formats of the A/V signal (column 2, paragraph [0020], column 3, paragraph [0023]).

By way of review, Corey et al. discloses category list such as movies, sports, entertainment, national news, and local news but fails to disclose “drama, and documentary” as recited in new claim 33, which depends from independent claim 1.

Further, Yogeshwar et al. disclose “captured data content is catalogued and indexed at or subsequent to the creation of an IAF file that includes the archived, e.g., encoded, information.

The IAF includes a family of audio-video digital based on public standards, e.g., MPEG (MPEG-1, MPEG-2, MPEG-4, etc.) JPEG, DV, etc. For each encoding format multiple encoding profiles and/or levels may be supported with different profiles and/or levels may be supported with different profiles/levels corresponding to different image and/or audio file quality levels.”[0020]

More specifically, Yogeshwar et al. discloses “for each encoding format which may be used, multiple encoding quality levels may be supported. For example, with regard to at least some encoding formats a lossless or near-lossless encoding quality level is supported, a contribution quality level is supported and a distribution quality level is supported. At the near-lossless quality level, the quality after decoding encoded data will differ from the input by not more than a small pre-seleted amount. The contribution quality level provides a level of quality sufficient for production or post-production processing while distribution quality level corresponds to the quality level at which information is to be distributed to end users (col. 2 [0023]).

Thus, Yogeshwar et al. clearly discloses “multiple encoding formats” but fails to disclose “wherein, the A/V signal is compressed at a compression ratio determined based on the category item of the A/V signal when recording the A/V signal to the storage medium.”

As such, it is respectfully submitted that the combination of Corey et al. and Yogeshwar et al. does not disclose or suggest the invention recited in claims 1, 10, 11, 19, 26-29, and 31. In addition, it is respectfully submitted that claims depending from claims 1, 10, 11, 19, 26-29, and 31 are equally allowable over the combination of Corey et al. and Yogeshwar et al.

Regarding claim 6, the Office Action further sets forth that Jain et al. discloses “the user interaction for adding and categorizing the A/V signal (e.g. abstract, column 6, line 48-67)”

By way of review, Jain et al. discloses “unique metadata can be defined and added to the Video cataloger 110 by a user. Custom metadata tracks could include information provided in collateral data to the video information.” Although Jain et al. discloses “unique metadata can be defined and added to the Video cataloger 110 by a user. Custom metadata tracks could include information provided in collateral data to the video information”, this reference is not cited for and does not cure the above noted deficiencies of Corey et al.

Therefore it is respectfully submitted that neither Corey et al. nor Jain et al., either alone or in combination, teach or suggest “determining a compression ratio for the A/V signal according to the category item selected for the A/V signal; and recording the A/V signal to a storage medium; which is compressed at the compression ratio,” as inherently part of in claim 6.

In addition, claims 7, 24, and 25 are deemed patentable due at least to the same reasons

of claim 6, as well as for the further recitations thereof.

Further, claims 13-17, depending from claim 11, are also deemed patentable due at least to their depending from claim 11, as well as for the additional features recited therein.

Regarding claims 14 and 15, the Office Action acknowledges that Corey et al. fails to disclose the system information for digital broadcasting. However, the Office Action sets forth that Tomas et al. discloses "system information (SI), wherein the SI is used when the A/V signal is a digital signal (e.g. abstract)... or Out-Of-Band."

By way of review, Thomas et al. discloses Extended Text Tables but fails to disclose "extended channel name descriptor information" as recited in claim 14.

Accordingly, it is respectfully submitted that the combination of Corey et al. and Tomas et al. does not disclose or suggest the invention recited in claim 14.

In addition, claim 15 is deemed to patentable due at least the same or similar reasons of claim 13, as well as for the additional features recited therein.

Regarding claims 18, 19, and 28 have been amended to recite "wherein the category information comprises a name of a program and a date and time when the program is received."

In view of above amendment, it is respectfully submitted that Corey et al. does not disclose the invention recited in claim 18.

Regarding claims 19, claim 19 has been amended to recite "wherein the recording unit comprises: a determining unit determining a compression ratio for the A/V signal according to the category item selected for the A/V signal, the recording unit recording the A/V signal, which is compressed at the compression ratio, to the storage medium."

As such, it is respectfully submitted that Corey et al. does not disclose the invention recited in claim 19.

Further, claims 20-22, and 24-25 which depending from claim 19, are also deemed patentable due at least to their depending from claim 19, as well as for the additional features recited therein.

As noted above, claims 26, 27, 29, and 31 have been amended to recite "wherein, the A/V signal is compressed at a compression ratio determined based on the category item of the A/V signal when recording the A/V signal to the storage medium."

Lastly, it is further respectfully submitted that new claim 33 is similarly allowable for at least the above rationales.

In view of above amendment, it is respectfully submitted that any combination of Corey et al. and Yogeshwar et al. would fail to disclose the invention recited in claims 26, 27, 29, and 31.

Therefore, for at least the above, it is respectfully submitted that claims 1-4, 6-7, 10-11, 13-22, 24-29, and 31 are patentably distinguishable over any combination of Corey et al., Yogeshwar et al., Jain et al., and/or Tomas et al. Withdrawal of these rejections are respectfully requested.

CONCLUSION:

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

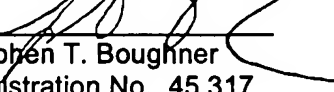
Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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